

CENTRAL VALLEY PROJECT
SCHEDULE OF ESTIMATED M&I OPERATION, MAINTENANCE AND REPLACEMENT COSTS
BY FACILITY AND/OR COMPONENT
2002 M&I WATER RATES

Facility/Contractor	Estimated 2002 M&I O&M & Corps Costs 1/	General Expense Cost Allocation 5/		Sub-Total	Estimated Project Use Energy Costs (Sch. A-10/A-11)	Total Estimated FY 2002 M&I Costs
		Percentage of Total	Allocation of Costs			
<u>Storage 6/</u>						
Addtl Pnt of Div (10h) (WSC)						2/
American River (Incl Sugar Pine D&R)		\$18,025		\$18,025		\$18,025
Black Butte Reservoir	3/	42,969		42,969		42,969
Buckhorn Debris Dam						
C V P Reallocation Study						2/
C V P/S W P Model/Data Devlpmt						2/
Columbia-Mowry System		19,074		19,074	1,337	20,411
Consolidate/Expnd Place of Use						2/
D-1485 Bay Delta Hearings						2/
Delta Cross Channel		38,044		38,044		38,044
F&WL Mitigation (Reimbursable)						
Coleman National Fish Hatchery		278,128		278,128		278,128
Wetlands Improvement						
Folsom D&R		91,960		91,960		91,960
Folsom Pipeline						
Folsom PP		42,781		42,781	5,586	48,367
Friant D&R		163,099		163,099	4,984	168,083
Gianelli, WR PGP					45,949	45,949
Less: GWRPG Dir Pump			7/			
Regeneration Credit (A-10)			7/		(23,426)	(23,426)
Hill, CA Whiskeytown Dam		34,109		34,109		34,109
Hydromet System						2/
New Melones D&R						
Nimbus D&R		35,030		35,030		35,030
Project-Wide Programs (Proj Genl)						2/
Provision For Replacement	3/					
San Joaquin River		18,322		18,322		18,322
Sacramento River		64,931		64,931		64,931
Sacramento Riv-Winter Run Salmon						2/
Sisk, BF San Luis Dam		1,023,398		1,023,398		1,023,398
Sly Park						2/
Shasta D&R		227,755		227,755	18,687	246,442
Trinity D&R		15,553		15,553		15,553
Total Storage (Water Ratesetting)	8/	2,113,178		2,113,178	53,117	2,166,295

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	M&I O&M & Corps Costs 1/	Percentage of Total	Allocation of Costs		Energy Costs (Sch. A-10/A-11)	Estimated FY 2002 M&I Costs
<u>Conveyance</u>						
Delta-Mendota Cana	10,175			10,175		10,175
F&WL Mitigation (Reimbursable) - TCCF						
Friant-Kern Canal	6,338			6,338		6,338
Life Safety Corrections	2,325			2,325		2,325
Little Panoche Crk Det Dam						
O'Neill D&R						
Red Bluff Diversion Dam	3,007			3,007		3,007
Red Bluff PP	4,433			4,433		4,433
San Luis Canal	725			725		725
San Luis Canal Turnouts						
Tehama-Colusa Canal/Funks Dam	2,086			2,086		2,086
Tehama-Colusa Fish Facilitie	101			101		101
Conveyance (Direct Billed)	29,190			29,190		29,190
Folsom-South Canal (Water Ratesetting)	379,000			379,000		379,000
Total Conveyance	408,190			408,190		408,190
<u>Conveyance Pumping</u> 3/						
Dos Amigos PP					18,347	18,347
O'Neill PGP	1,470			1,470	79,193	80,663
Tracy PP	32,080			32,080	611,158	643,238
Total Conv. Pumping (Direct Billed)	33,550			33,550	708,698	742,248
<u>Direct Pumping</u>						
Colusa County WD					421	421
Contra Costa PP (Contra Costa WD)					399,751	399,751
Pleasant Valley PP (City of Coalinga)	3/				19,122	19,122
San Benito County WD	4/					
Gianelli, WR PGP		7/			21,715	21,715
Pacheco PP					12,712	12,712
San Luis WD Relifts					1,278	1,278
Santa Clara Valley WD	4/					
Coyote PP					26,180	26,180
Gianelli, WR PGP		7/			421,467	421,467
Pacheco PP					246,741	246,741
Shasta PP (City of Shasta Lake)					12,366	12,366
State-Delta PP (Cross Valley Canal)	6/				4,938	4,938
Westlands WD Relifts					7,029	7,029
Wintu PP (Bella Vista WD)					23,491	23,491
Dos Amigos PP (Cross Valley Canal)					1,051	1,051
Total Direct Pumping					1,198,263	1,198,263
Sub Total	2,554,918			2,554,918	1,960,078	4,514,996

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	M&I O&M & Corps Costs 1/	Percentage of Total	Allocation of Costs			M&I Costs
<u>Water Marketing Expense</u>						
Contract Administration	682,561					
Water & Power Systems Control	668,313					
Other Expenses (Including Sly Park',	1,292,837					
General Expense	5/ 80,033					
Trinity Public Utilities Assessment	38,433					
Non-Permanent Contractor Revenue	(1,100,000)					
Total Water Marketing	1,662,176			1,662,176		1,662,176
Less: Direct Billed	(62,740)			(62,740)	(708,698)	(771,438)
Grand Total	\$4,154,354			\$4,154,354	\$1,251,380	\$5,405,734

FOOTNOTES

- 1/ Source of data - Table 6, Allocated CVP Operation and Maintenance Costs, Fiscal Year 2002 (except for Black Butte Dam & Reservoir costs)
- 2/ Moved from "Storage" to "Water Marketing" to allow recovery of costs from all users.
- 3/ For allocation of Corps costs (Black Butte Dam & Reservoir), refer to support worksheet (Replace OM) . Provision for Replacement costs have been discontinued and are no longer shown on this schedule
- 4/ Suballocation of San Felipe Unit Direct Pumping Costs

			Direct Pumping Allocation (Sch A-10) 7/			
	Projected 2002 Deliveries	Ratios	William R. Gianelli Pump-Generator Plant PUE	Pacheco PP	Coyote PP	Grand Total
San Benito County WD	4,515	0.048997	\$21,715	\$12,712		34,427
S. Clara Valley WD (Sch. A-12)	87,642	0.951003	421,467	246,741	\$26,180	694,388
	92,157	1.000000	\$443,182	\$259,454	\$26,180	\$728,815
Total San Felipe	92,157	0.216003				
All Other Contractors	334,492	0.783997				
Total Storage	426,650	1.000000				

- 5/ General and Administrative expenses incorporated into water marketing costs for FY 2002
- 6/ See Schedule A-11, page 3, footnote 6 for breakdown of costs by contractor
- 7/ O&M costs for Gianelli, WR Pump Generator plant were combined with the B.F. Sisk Dam and Reservoir. For San Felipe Unit, O&M for Gianelli, WR PGP will be included as part of storage and not under direct pumping as in previous years rates through 1999

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FOOTNOTES (continued)

8/ Storage Costs are broken down between San Felipe Unit Contractors and all others as follows

	San Felipe Unit Storage	All Other Storage Contractors	Total
Projected 2002 Storage Deliveries	92,157	334,492	426,650
Ratios	0.216003	0.783997	1.000000
Allocated Gianelli, WR Pump Generator Costs			
Project Use Costs	*	45,949	45,949
Regeneration Credit		(23,426)	(23,426)
Allocated Other Storage O&M Costs	463,061	1,680,711	2,143,772
Total	\$463,061	\$1,703,234	\$2,166,295
Rate per Acre-foot (to Schedule A-8)	\$5.02	\$5.09	

* San Felipe Unit contractors share of the William R. Gianelli PG PUE has been included in the direct pumping section(see Schedule A-11, page :

RECONCILIATION:

Adjustments to MP-3400 (ML) Data							
	MP-3400 Data	Black Butte D&R a/	Provision for Replacement a/	D.P. to San Felipe Unit	Direct Billed	Other Adjustments	Ratesetting Total **
Water Marketing & Other Costs e/	\$2,854,350					(1,192,173) c/	\$1,662,177
Storage	2,075,588 b/	\$42,969				(5,379) d/	2,113,178
Conveyance	408,190				(\$29,190)		379,000
Conveyance Pumping	33,550				(33,550)		
Direct Pumping	N/A						
Total	\$5,371,678	\$42,969			(\$62,740)	(\$1,197,552)	\$4,154,355

a/ Refer to footnote 3 above for details.

b/ Excludes \$33,830 for Black Butte D&R since costs are calculated based on a 5-year historical average. (see footnote 3

c/ Sly Park moved from Storage to Water Marketing \$970
Suisun Marsh Protection 124,695
System Control & Load Dispatching (71,600)
Non-Permanent Contractor Revenue (1,100,000)
Trinity Public Utilities Assessment 38,433
General Expense Adjustment (184,671)
(\$1,192,173)

d/ Sly park moved to Water Marketing (\$970)
Trinity D&R, RAX Costs (4,409)
(\$5,379)

e/ Includes General and Administrative Expenses

** May vary plus or minus 1 due to rounding